

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health, 11 SHS
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	LAMOINE	Town/City	LAMOINE Permit # 1772
Street or Road	PARADISE DRIVE	Date Permit Issued	8.17.15 Fee \$ 265 Double Fee Charged ()
Subdivision, Lot #	LOT #6 PINE GROVE ESTATES	Local Plumbing Inspector Signature	Michael Bellamy L.P.I. # 820
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	SIMMONS, TODD <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	<input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State	
Mailing Address of	P.O. BOX 25	The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	HANCOCK, ME. 04640		
Daytime Tel. #	(321) 289-5808	Municipal Tax Map #	7 Lot # 4-A-6
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant _____ Date _____		Local Plumbing Inspector Signature _____ (1st Date Approved) _____ (2nd Date Approved) _____	

PERMIT INFORMATION

TYPE OF APPLICATION <input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. < 25% Expansion <input type="checkbox"/> b. ≥ 25% Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input checked="" type="checkbox"/> 1. No Rule Variance <u>CEASEMENT</u> <input type="checkbox"/> 2. First Time System Variance <u>SEE NOTE PG. 2</u> <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENT(S) <input type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
	DISPOSAL SYSTEM TO SERVE <input type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: <u>3</u> <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____ Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	TYPE OF WATER SUPPLY <u>TO BE</u> <input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete <input type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input checked="" type="checkbox"/> 3. Other: <u>LIFT STATION</u> CAPACITY _____ gallons	DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device <u>18 SIDE FEED CONCRETE CHAMBERS</u> <input type="checkbox"/> a. Cluster Array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE <u>1386</u> sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks In Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW <u>270</u> gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS PROFILE <u>91C</u> CONDITION _____ at Observation Hole # <u>2</u> Depth <u>16</u> " OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd <input type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq. ft./gpd <input checked="" type="checkbox"/> 4. Extra Large - 5.0 sq. ft./gpd	EFFLUENT/EJECTOR PUMP <input type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May be Required <input checked="" type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	<input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at Center of Disposal Area Lat. <u>44° 29' 43.3" N</u> Lon. <u>68° 20' 49.1" W</u> if g.p.s., state margin of error <u>30'</u>

SITE EVALUATOR STATEMENT

I certify that on 4-30-15 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature <u>William A. LaBelle, Jr.</u> Site Evaluator Name Printed	319 SE# (207) 537-5900 Telephone Number	5-5-15 Date labelleseptic@rivah.net E-mail Address
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Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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Town, City, Plantation
LAMOLNE

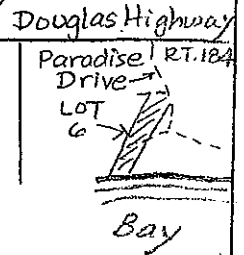
Street, Road, Subdivision LOT#
PARADISE DRIVE

Owner or Applicant Name
TODD SIMMONS

SITE PLAN

Scale 1" = **40** Ft.

SITE LOCATION PLAN
(Attach map from Maine Atlas
for First Time System Variance)



NOTE:

- EASEMENT NEEDED TO INSTALL, OPERATE, REPAIR AND REPLACE SYSTEM AND PUMP LINE.
- EASEMENT AREA IS NOT MARKED ON-SITE. IT IS OWNERS RESPONSIBILITY TO DETERMINE IF SYSTEM IS IN FACT WITHIN THE EASEMENT AREA

(SEE ATTACHED SITE PLAN)

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole **#1** ☒ Test Pit ☐ Boring
2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SILTY CLAY LOAM TO LOAM TO CLAY	FRIABLE COMPACTED	DARK BROWN (10YR 3/3) LIGHT OLIVE BROWN (2.5Y 5/4)	N.E. FEW FAINT TO COMMON DISTINCT
10			
20			
30			
40			
50			

Soil Profile **9** Classification **C** Slope **3%** Limiting Factor **18"** Depth **18"**
☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole **#2** ☒ Test Pit ☐ Boring
2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
FINE SANDY SILT TO FINE SANDY SILT	FRIABLE COMPACTED	DARK BROWN (10YR 3/3) LIGHT OLIVE BROWN (2.5Y 5/4)	N.E. FEW DISTINCT TO MANY PROMINENT
10			
20			
30			
40			
50			

Soil Profile **9** Classification **C** Slope **3%** Limiting Factor **16"** Depth **16"**
☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

W. C. L.
Site Evaluator's Signature

319
S.E. #

S-5-15
Date

Town, City, Plantation LAMOLINE	Street, Road, Subdivision PARADISE DRIVE	LOT # 6	Owner or Applicant Name TODD SIMMONS
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SITE PLAN:

ROUTE 184

SCALE: 1" = 40 FT.

NOTE: PROPOSED 1000 GAL. SEPTIC TANK WITH LIFT STATION ON LOT 6 TO BE 80' MIN. FROM HIGH WATER, 10' MIN. FROM PROPERTY LINE, 51' MIN. FROM WELL AND 8' MIN. FROM BUILDING.

MAGNETIC NORTH

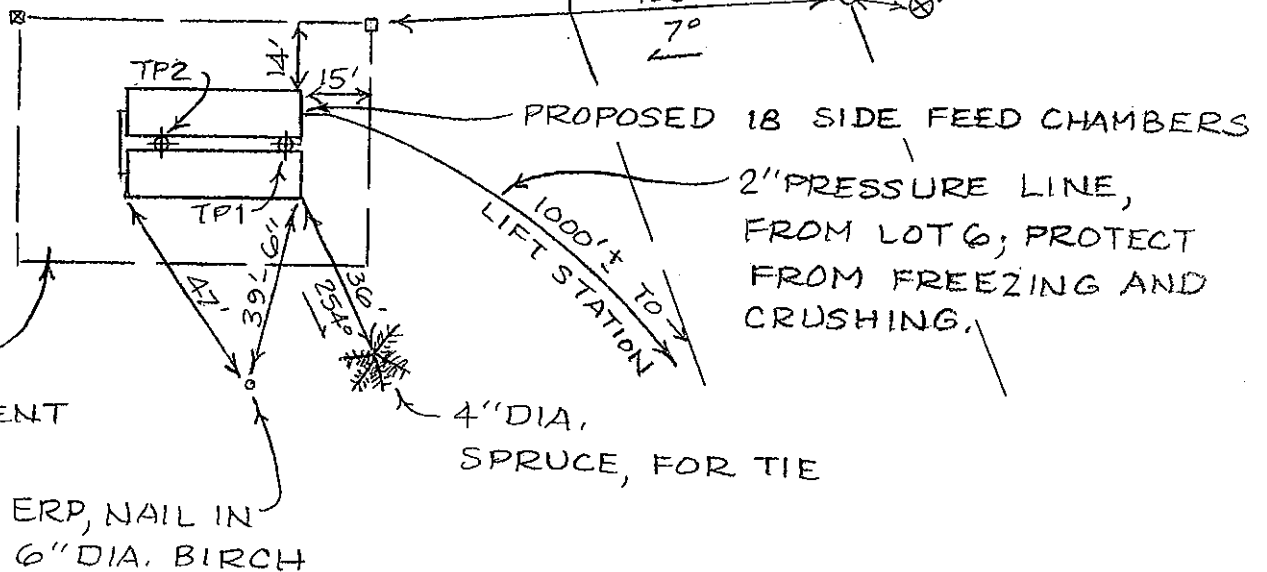
LOT 3
EASEMENT AREA

LOT 4
EASEMENT AREA

PARADISE DRIVE

LOT 5
EASEMENT AREA

LOT 6
EASEMENT AREA



W. O. L. H.
Site Evaluator's Signature

319
S.E. #

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Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

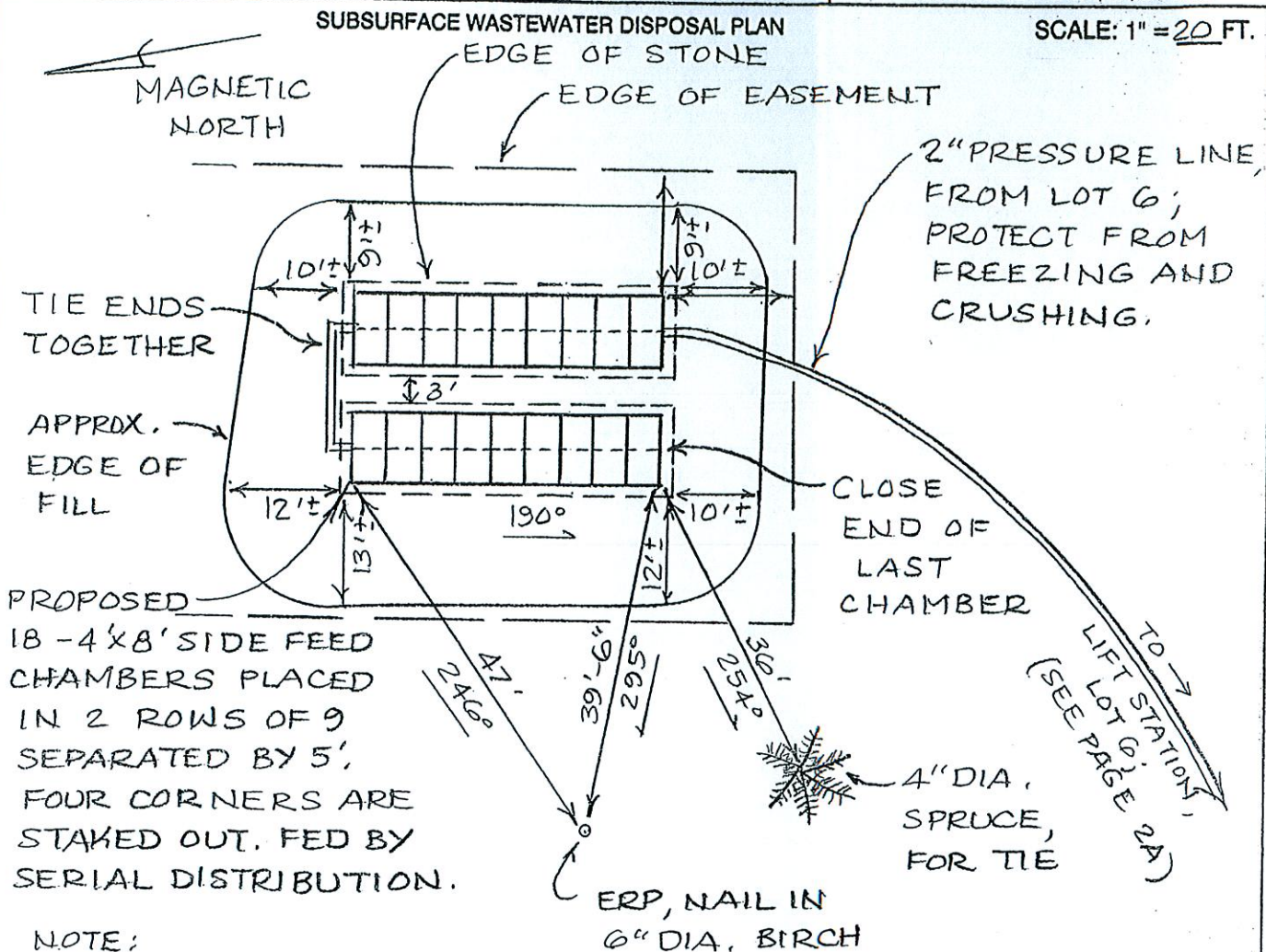
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Town, City, Plantation
LAMOINE

Street, Road, Subdivision **LOT#6**
PARADISE DRIVE

Owner or Applicant Name
TODD SIMMONS

SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	19 1/2"	Finished Grade Elevation		(See		Location & Description NAIL 75"
Depth of Backfill (Downslope)	23"-27"	Top of Distribution Pipe or Proprietary Device	attached		N/A	ABOVE GROUND IN 6" DIA. BIRCH.
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field	X-Sec.)			Reference Elevation is: 0"

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

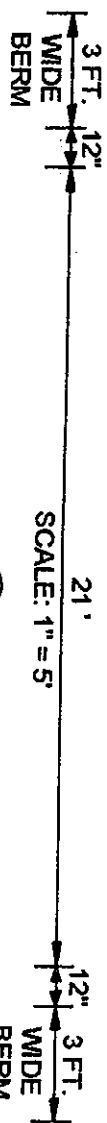
1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands and water bodies must be done in compliance with section 11-M of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPs" (DEPW0588).
5. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade). Install risers to finish grade of appropriate size to allow pump removal on all in-tank pump chambers and separate pump tanks.
6. Protect lift stations and pump tanks from freezing.
7. Full basement below grade foundation, frost wall or columns must be 20' minimum from stone around chambers and slab on grade must be 15' minimum from stone around chambers.

W. Q. L. J.
Site Evaluator's Signature

319
S.E. #

5-5-15
Date

DISPOSAL AREA CROSS SECTION SLOPE 3 %



2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F RECOMMENDED OVER STONE AND CHAMBERS

FILL EXTENSIONS NO GREATER THAN 4:1, (25% SLOPE).

(A) FILL MATERIAL SHALL BE 8"-12" THICK OVER CHAMBERS AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 11-E IN THE SUBSURFACE RULES.

TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER; SEED AND MULCH TO PREVENT EROSION, SEC. 11-G.

FILL EXTENSIONS NO GREATER THAN 4:1, (25% SLOPE).

ORIGINAL GRADE

REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER ENTIRE FILL AREA, SEC. 11-B.

LIMITING FACTOR

ELEVATIONS:

ELEV. REF. PT. (ERP): 0"

FINISHED GRADE: ROW 1 (CROWN -31")

TOP OF CHAMBERS: -43"

BOTTOM OF CHAMBERS: -56"

4' x 8' CHAMBER
BOTTOM OF CHAMBERS MUST BE LEVEL WITH MAXIMUM GRADE TOLERANCE OF 2" PER 100'.

ROW 2 -39" MIN., -47", -60"

12" CLEAN STONE, (3/4" - 2 1/2" DIA.), UNIFORM SIZE.

THOROUGHLY MIX, DISK OR ROTO-TILL CLEAN, COARSE, SHARP SAND INTO TOP 4 INCHES OF ORIGINAL SOIL TO CREATE A TRANSITION ZONE, SEC. 11-B.

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE MOST CURRENT VERSION OF THE STATE OF MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. INSTALLATION CONTRACTOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 11 OF SAID RULES.

OWNER: TODD SIMMONS
LOCATION: LAMOINE

WILLIAM A. LABELLE, JR.

319 S.E.#

DATE

5-5-15